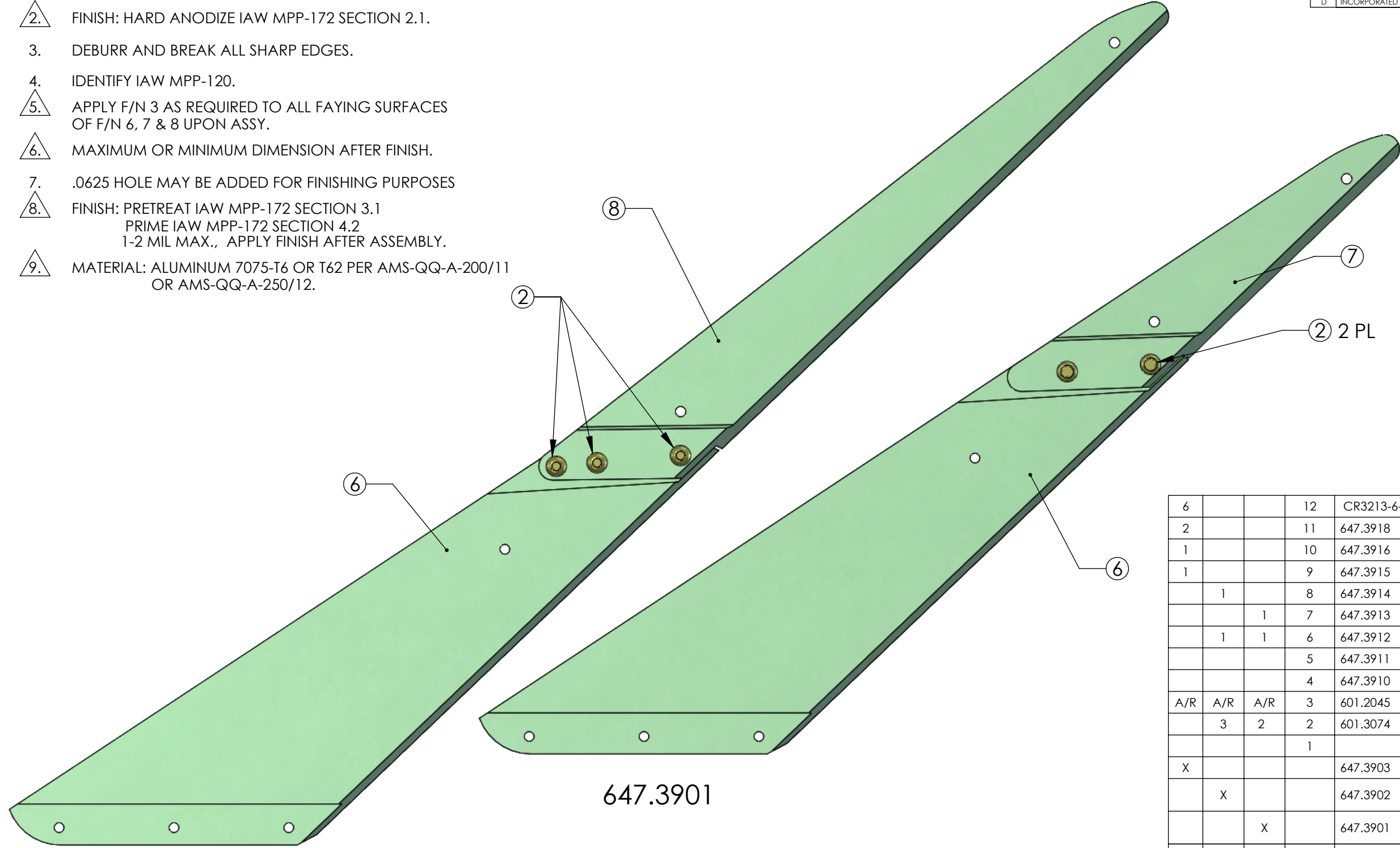


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR1		N/C
N/C	INITIAL RELEASE	09/10/09	P. BRAVO
A	INCORPORATED ECN 02864, 03539 & 03595	07/24/12	P. BRAVO
B	INCORPORATED ECN 04025	08/02/13	P. BRAVO
C	INCORPORATED ECN 04038, 04085 & 04250	11/18/13	P. BRAVO
D	INCORPORATED ECN 04556, 04948, & 06522	10/21/20	J. GARDINER

NOTES:

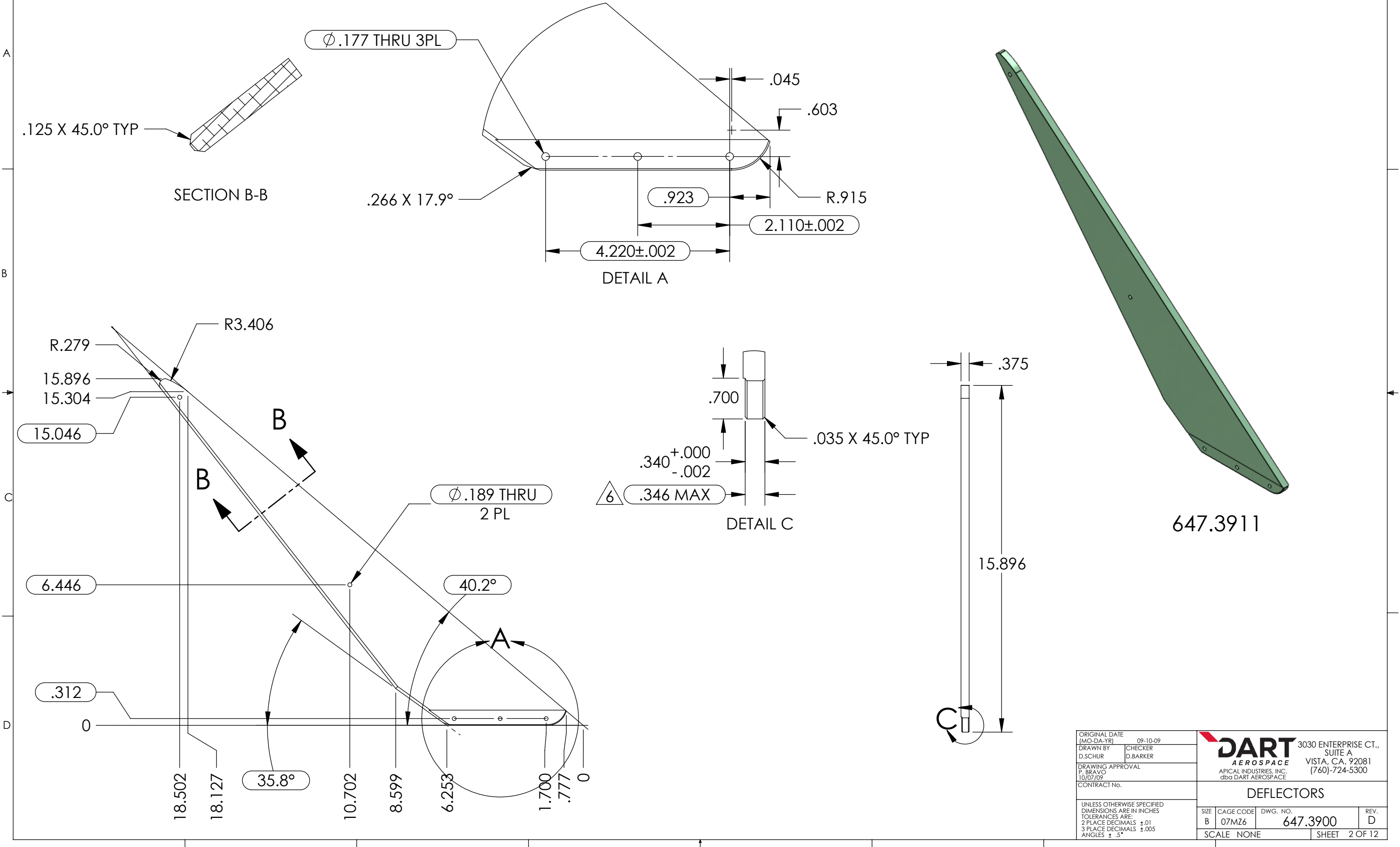
1. MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
2. FINISH: HARD ANODIZE IAW MPP-172 SECTION 2.1.
3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120.
5. APPLY F/N 3 AS REQUIRED TO ALL FAYING SURFACES OF F/N 6, 7 & 8 UPON ASSY.
6. MAXIMUM OR MINIMUM DIMENSION AFTER FINISH.
7. .0625 HOLE MAY BE ADDED FOR FINISHING PURPOSES
8. FINISH: PRETREAT IAW MPP-172 SECTION 3.1
PRIME IAW MPP-172 SECTION 4.2
1-2 MIL MAX., APPLY FINISH AFTER ASSEMBLY.
9. MATERIAL: ALUMINUM 7075-T6 OR T62 PER AMS-QQ-A-200/11 OR AMS-QQ-A-250/12.



6			12	CR3213-6-9	RIVET		
2			11	647.3918	ANGLE BRACKET	9	2
1			10	647.3916	DEFLECTOR, UPPER HALF	1	2
1			9	647.3915	DEFLECTOR, LOWER HALF	1	2
	1		8	647.3914	BREAKAWAY TIP LONG	1	2
		1	7	647.3913	BREAKAWAY TIP MEDIUM	1	2
	1	1	6	647.3912	LOWER DEFLECTOR	1	2
			5	647.3911	212 UPPER DEFLECTOR	1	2
			4	647.3910	412 UPPER DEFLECTOR	1	2
A/R	A/R	A/R	3	601.2045	RTV, LOCTITE 598		5
	3	2	2	601.3074	RIVET	MS20470 AD6-12	
			1		DELETED		
X				647.3903	DEFLECTOR ASSY		8
	X			647.3902	LOWER DEFLECTOR ASSY HIGH		8
		X		647.3901	LOWER DEFLECTOR ASSY LOW		8
.3903	.3902	.3901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC

QTY		PARTS LIST					
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 09-10-09		<div><div><div>DART</div><div>AEROSPACE</div><div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div></div>			
647.3800		DRAWN BY D.SCHUR	CHECKER D.BARKER				
		DRAWING APPROVAL P. BRAVO 10/07/09					
		CONTRACT No.		DEFLECTORS			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3900	REV. D		
		SCALE NONE			SHEET 1 OF 12		

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DRAWN BY D.SCHUR	CHECKER D.BARKER		
DRAWING APPROVAL P. BRAVO 10/07/09		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		DEFLECTORS	
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CAGE CODE 07MZ6		DWG. NO. 647.3900	SHEET 2 OF 12
SCALE NONE			

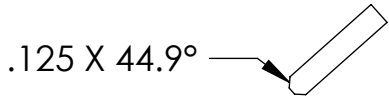
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A

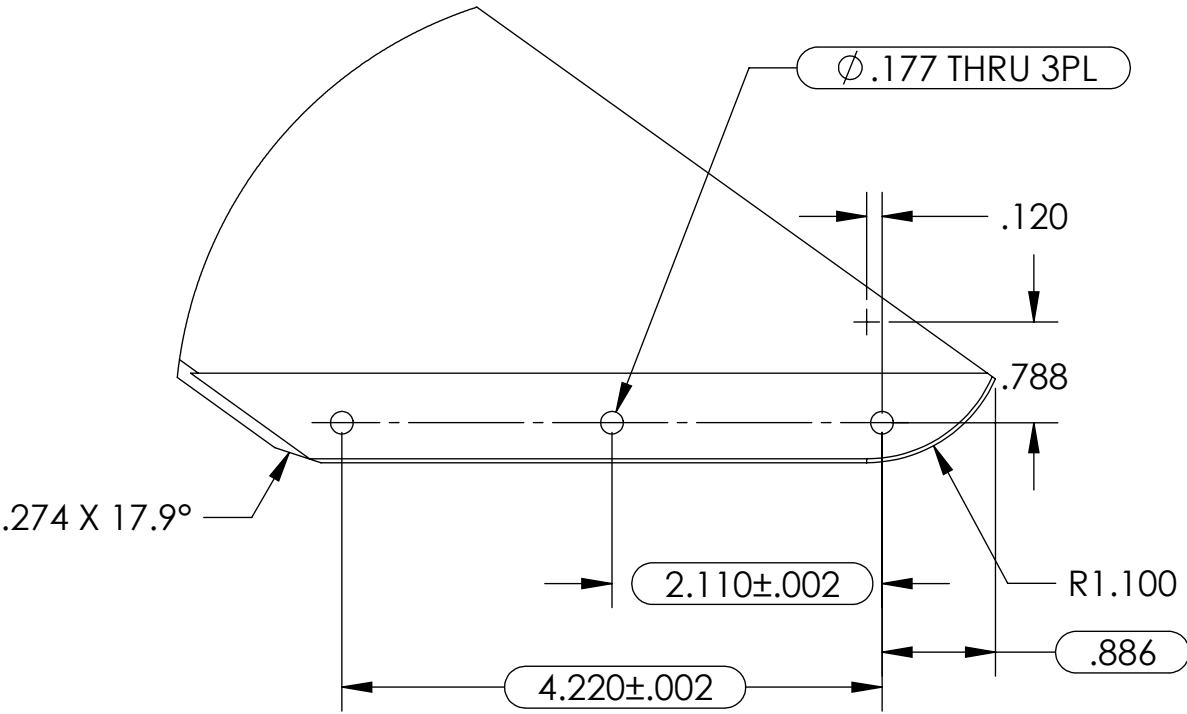
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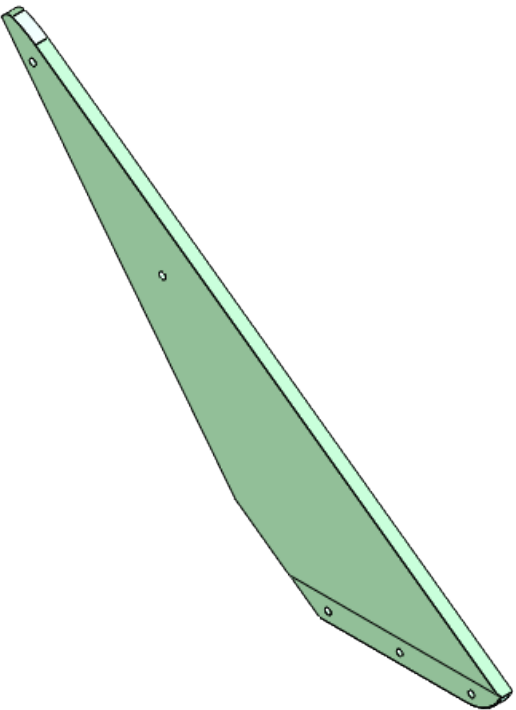
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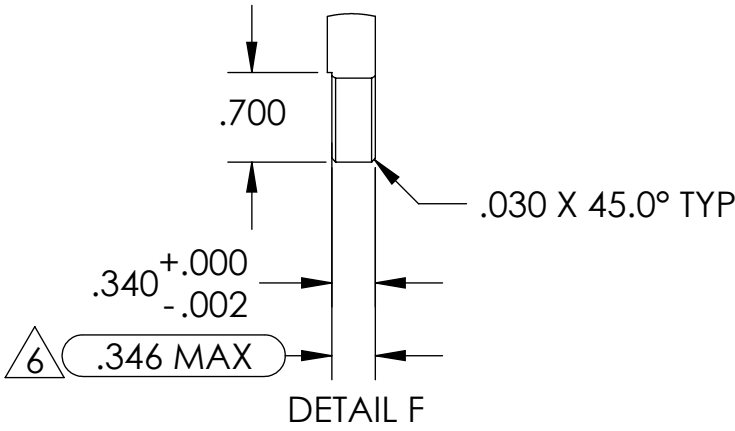
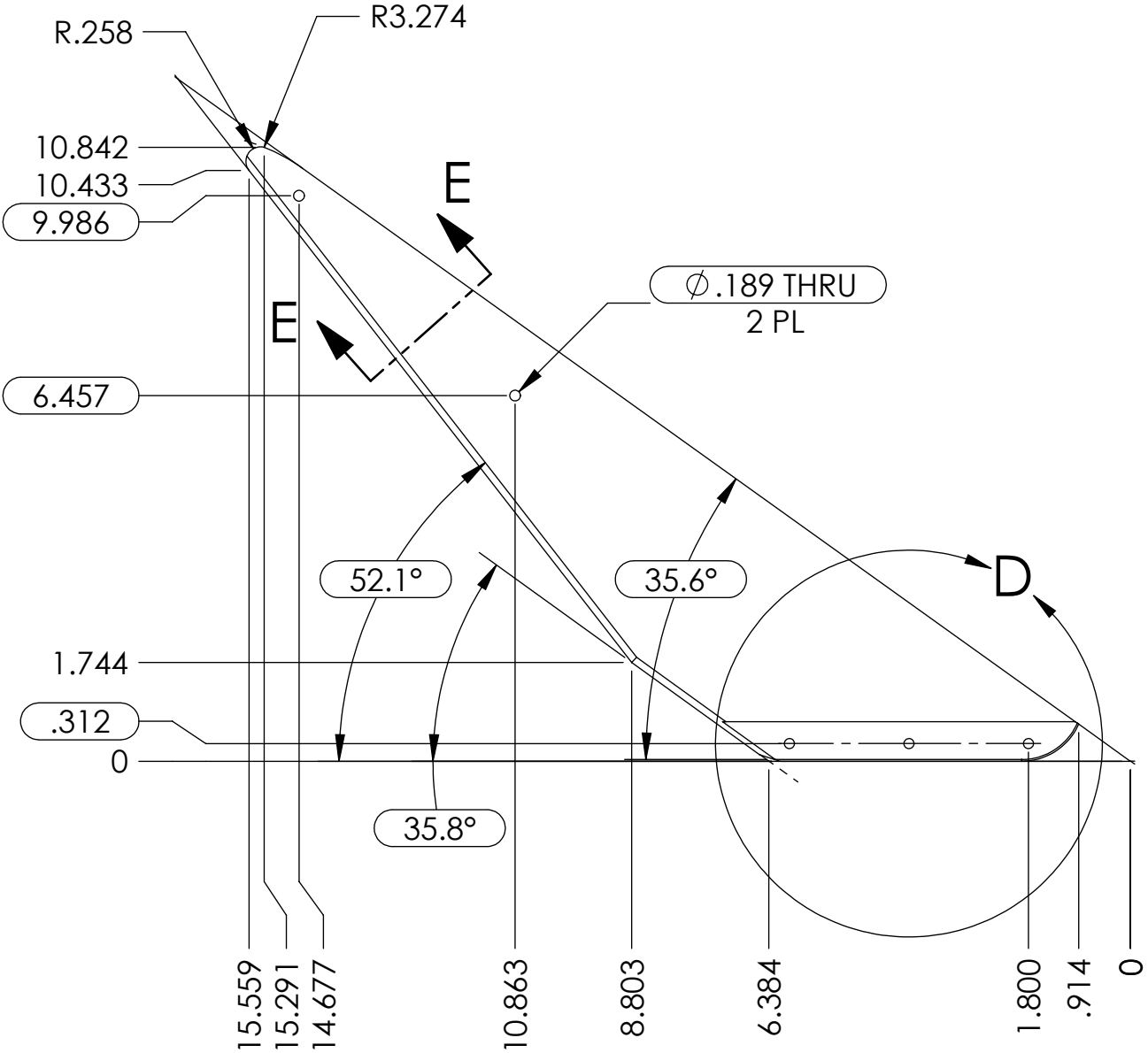
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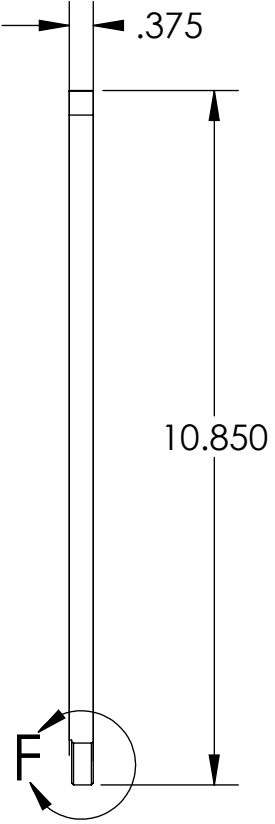
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647.3910



DETAIL F



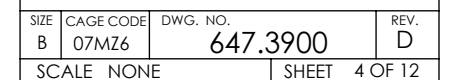
ORIGINAL DATE (MO-DA-YR)	09-10-09
DRAWN BY D.SCHUR	CHECKER D.BARKER
DRAWING APPROVAL P. BRAVO 10/07/09	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°



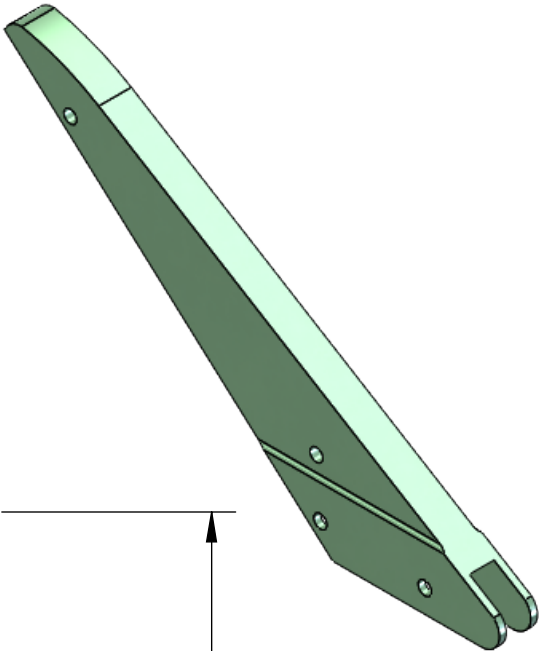
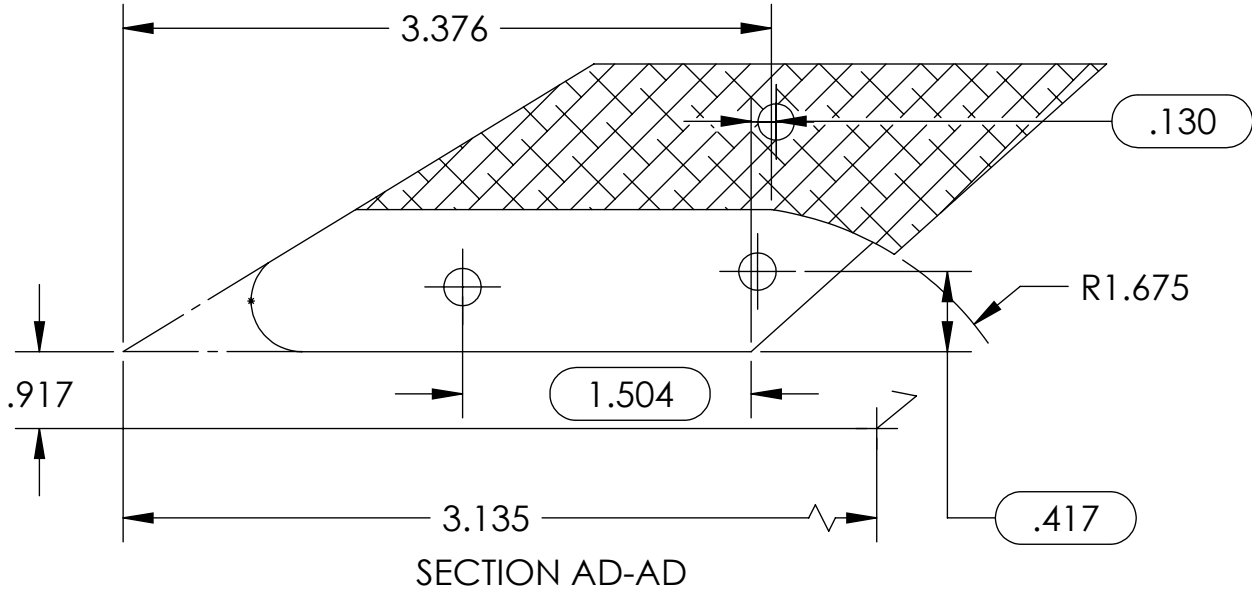
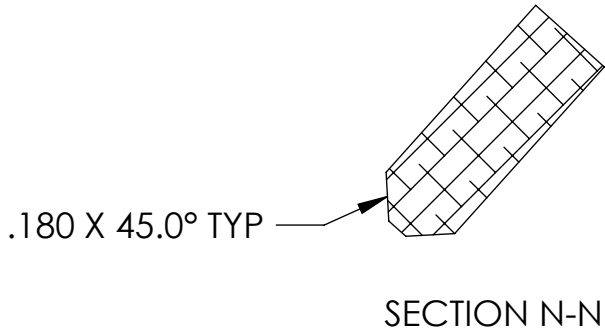
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DEFLECTORS			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3900	REV. D
SCALE NONE		SHEET 3 OF 12	

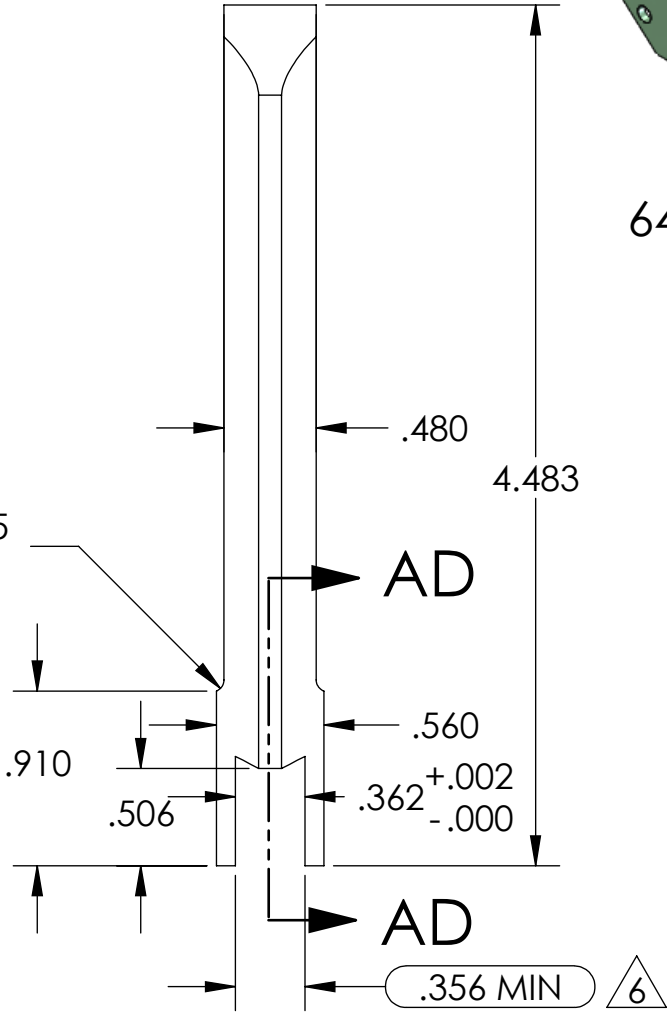
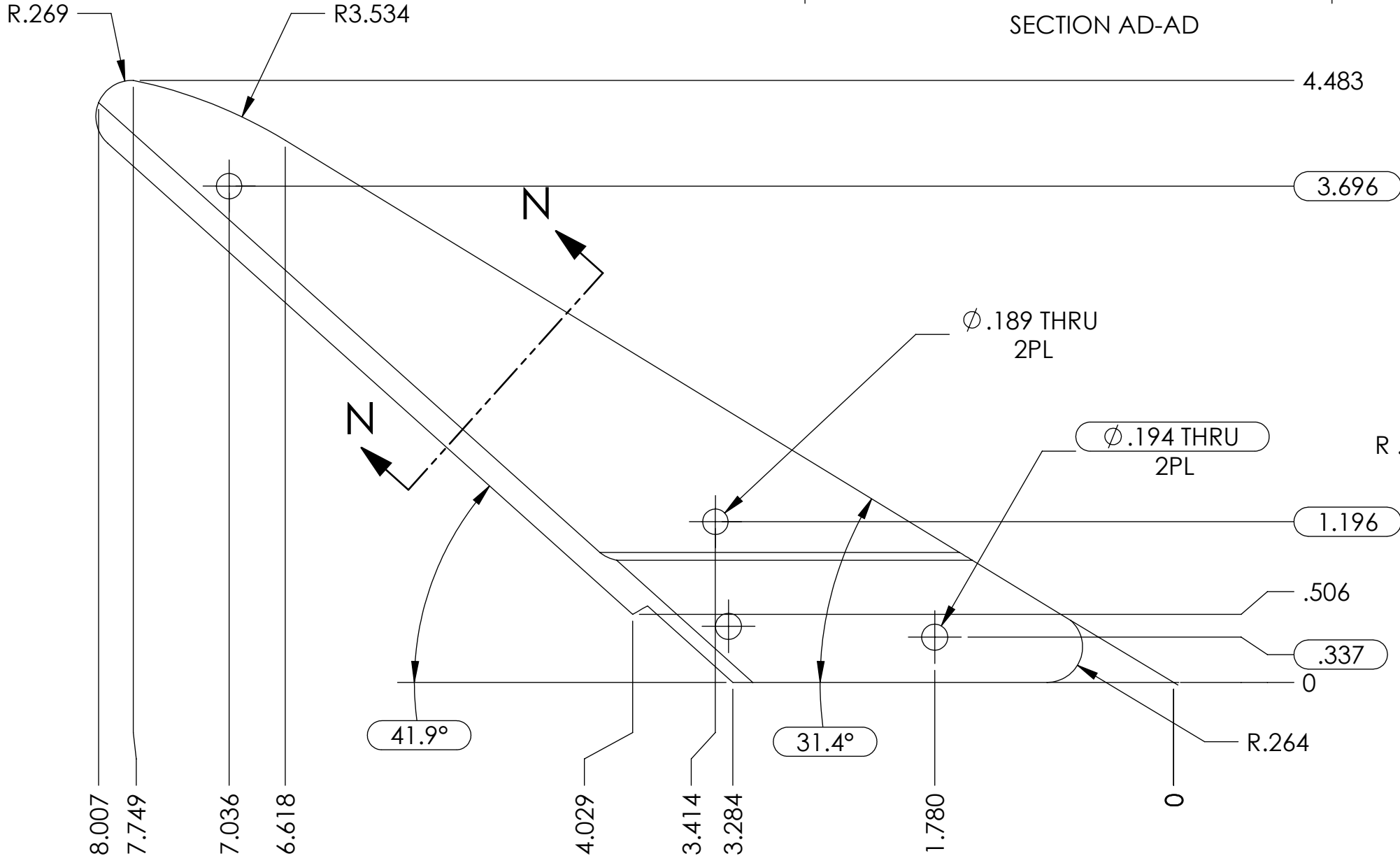


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A
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647.3913



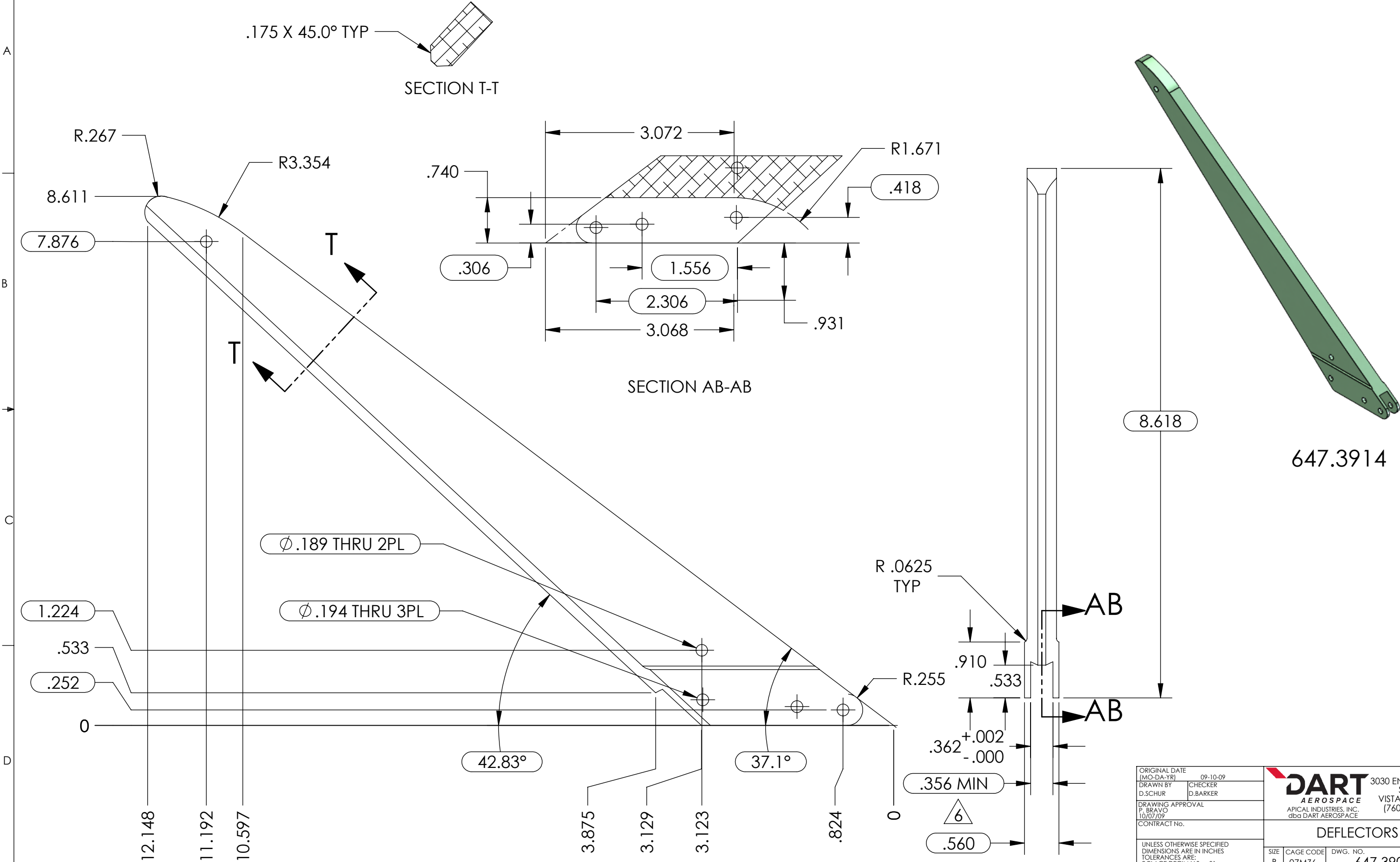
ORIGINAL DATE (MO-DA-YR) 09-10-09
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CONTRACT No.

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3 PLACE DECIMALS ±.005
ANGLES ±.5°

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APICAL INDUSTRIES, INC.
dba DART AEROSPACE
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DEFLECTORS			
SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.3900	D
SCALE NONE		SHEET 5 OF 12	

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DRAWING APPROVAL P. BRAVO 10/07/09	CONTRACT No.

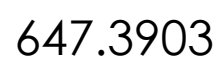
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
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2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°


**DART**
AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

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SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3900	REV. D
SCALE NONE		SHEET 6 OF 12	

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DRAWN BY		CHECKER															
D.SCHUR		D.BARKER															
DRAWING APPROVAL P. BRAVO 10/07/09				APICAL INDUSTRIES, INC. dba DART AEROSPACE													
CONTRACT NO.				DEFLECTORS <table><tr><td>SIZE</td><td>CAGE CODE</td><td>DWG. NO.</td><td>REV.</td></tr><tr><td>B</td><td>07MZ6</td><td>647.3900</td><td>D</td></tr><tr><td colspan="3">SCALE NONE</td><td>SHEET 7 OF 12</td></tr></table>		SIZE	CAGE CODE	DWG. NO.	REV.	B	07MZ6	647.3900	D	SCALE NONE			SHEET 7 OF 12
SIZE	CAGE CODE	DWG. NO.	REV.														
B	07MZ6	647.3900	D														
SCALE NONE			SHEET 7 OF 12														
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.001 3 PLACE DECIMALS ±.003 ANGLES ± .5°																	

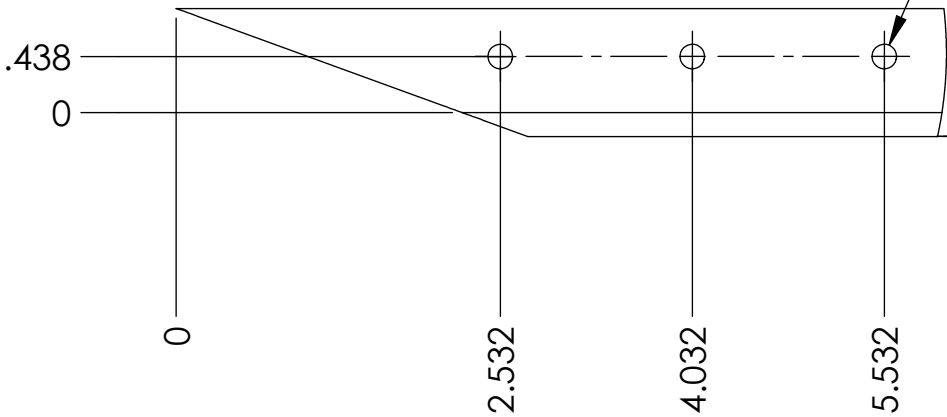
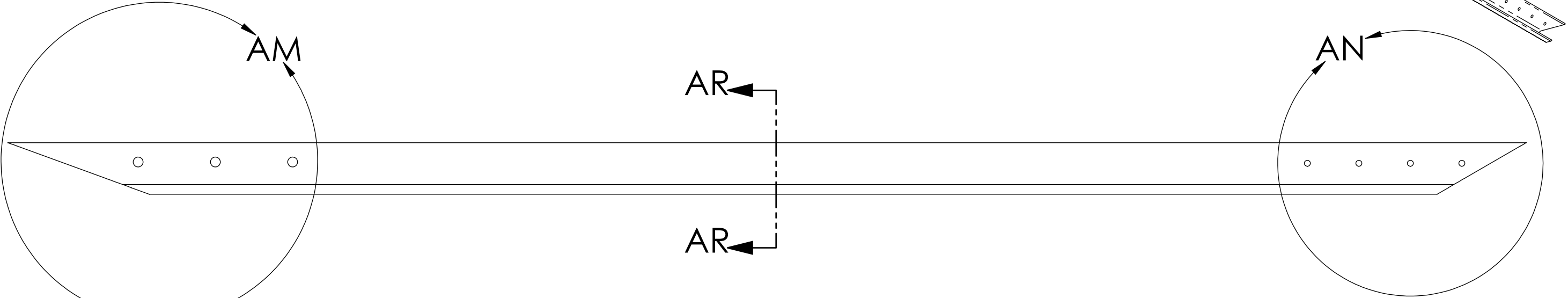
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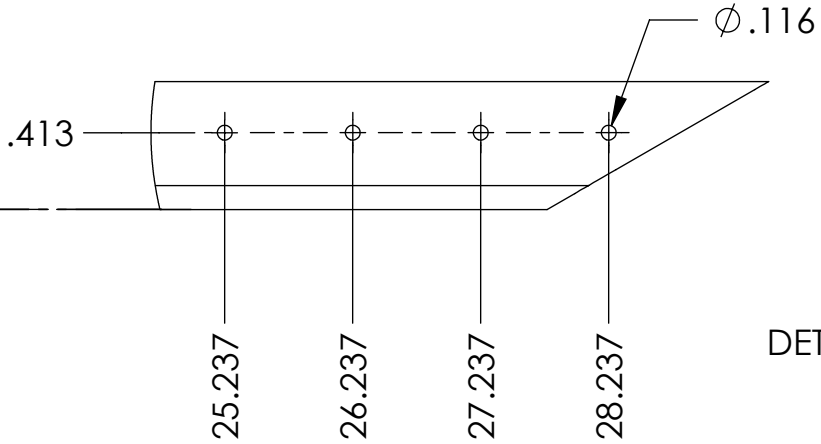
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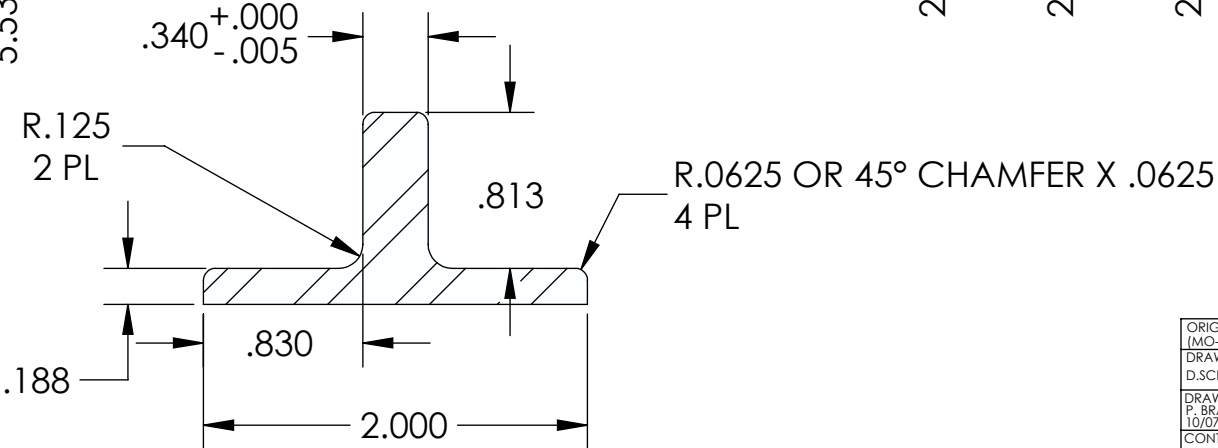
D



DETAIL AM



DETAIL AN



SECTION AR-AR

ORIGINAL DATE (MO-DA-YR)	09-10-09
DRAWN BY D.SCHUR	CHECKER D.BARKER
DRAWING APPROVAL P. BRAVO 10/07/09	
CONTRACT No.	

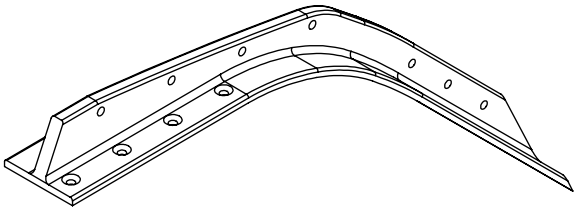


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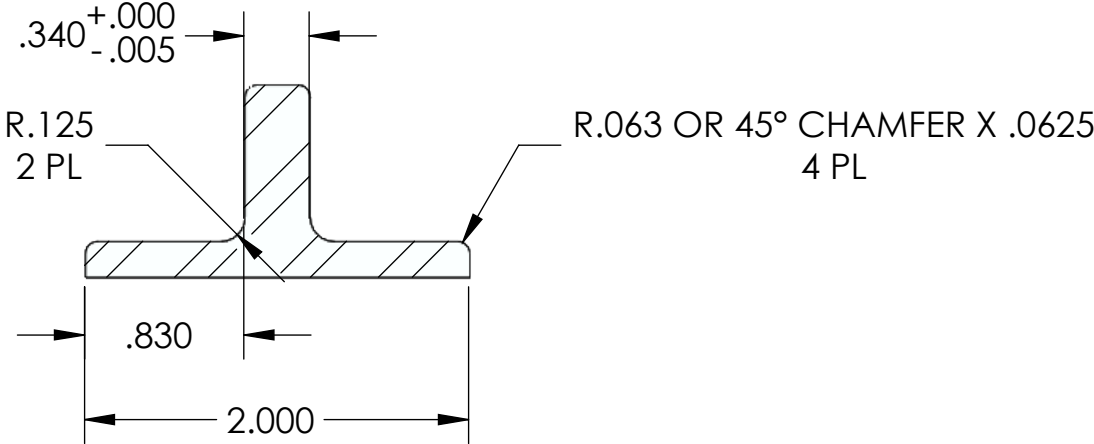
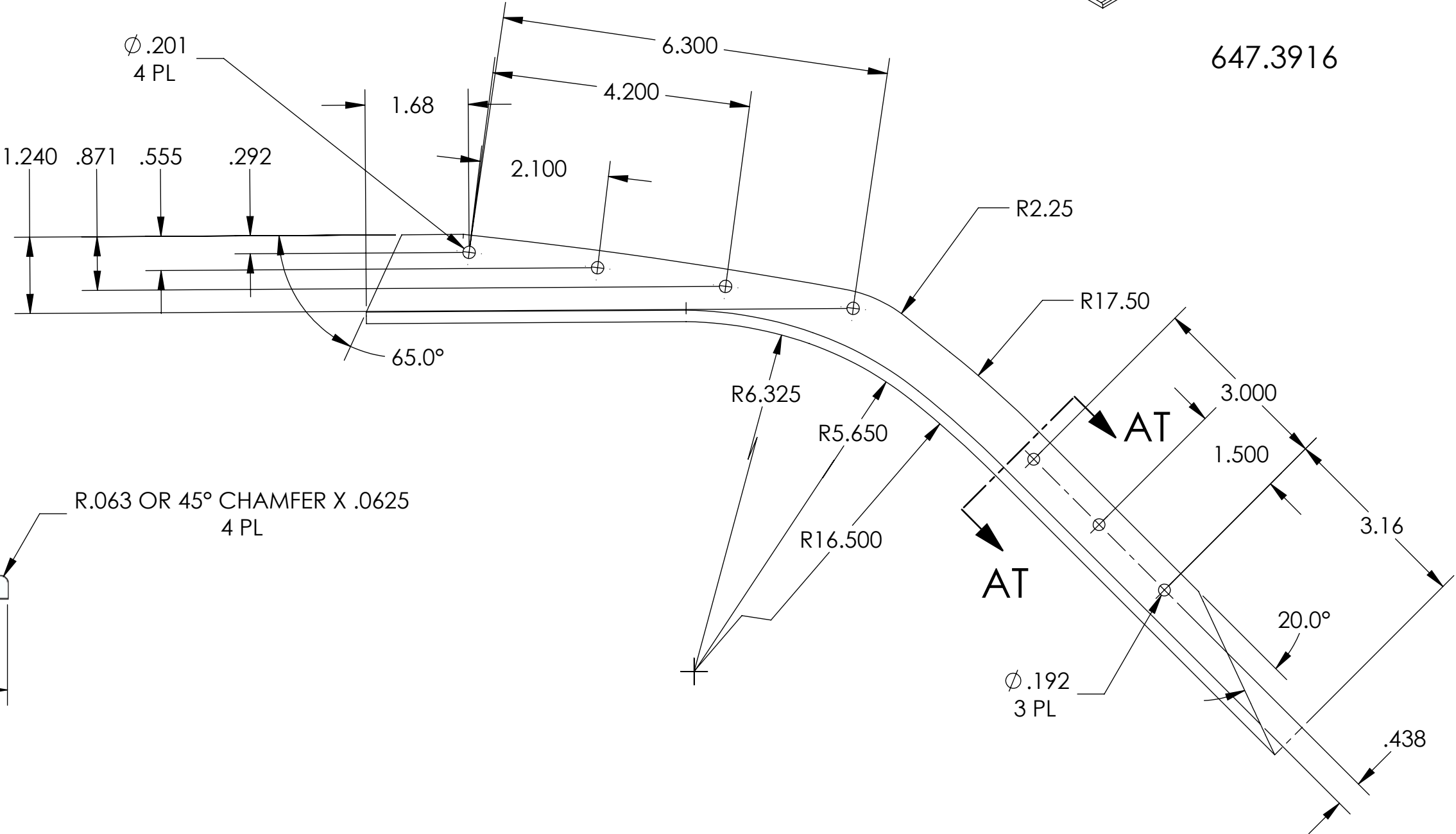
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DEFLECTORS			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3900	REV. D
SCALE NONE		SHEET 9 OF 12	


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647.3916



SECTION AT-AT

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		DWG. NO. 647.3900	
		SCALE NONE	SHEET 10 OF 12

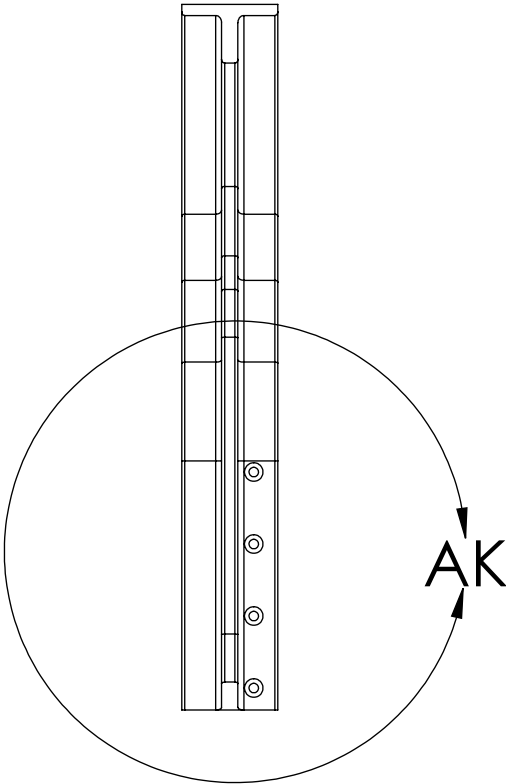
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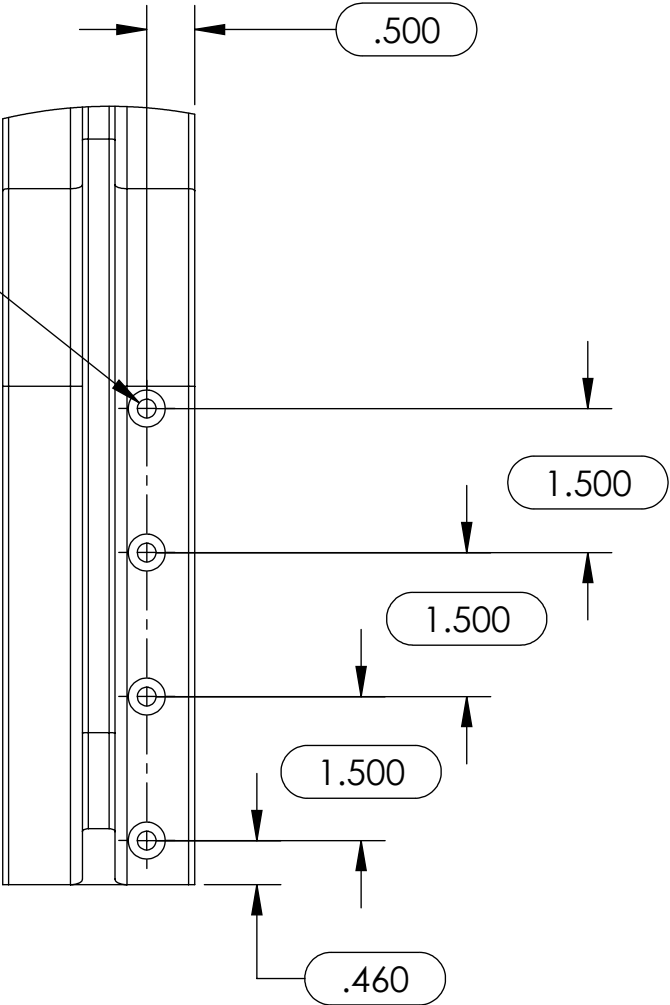
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4X ϕ .196 \pm .010 THRU ALL
 \checkmark ϕ .385 \pm .020 X 100° \pm 0.1000°



DETAIL AK

647.3916

ORIGINAL DATE (MO-DA-YR) 09-10-09		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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CAGE CODE 07MZ6		DWG. NO. 647.3900	SHEET 11 OF 12
SCALE NONE			

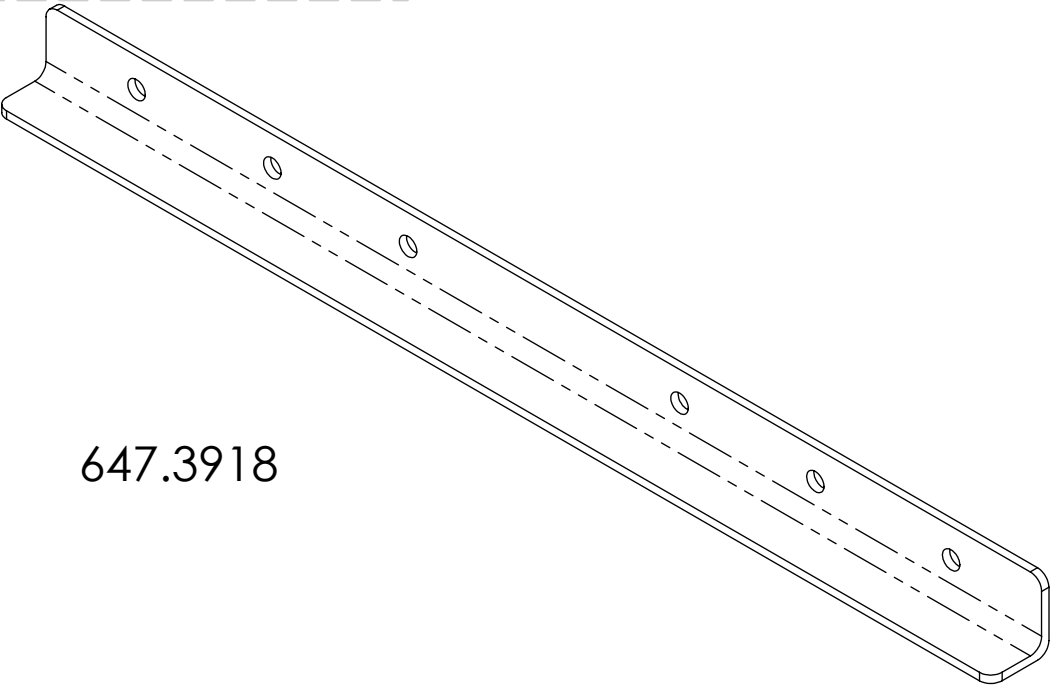
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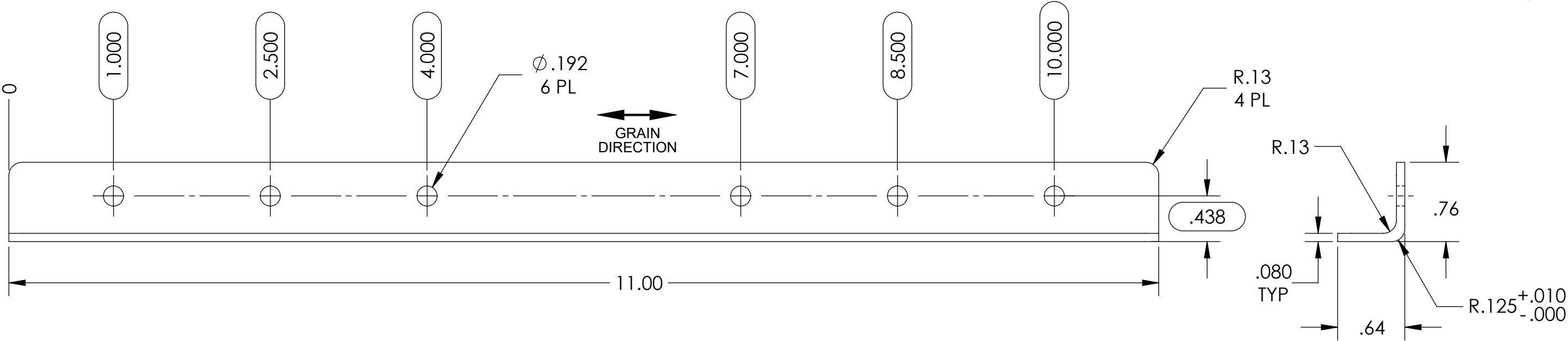
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647.3918



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CAGE CODE 07MZ6		DWG. NO. 647.3900	SHEET 12 OF 12
SCALE NONE			